



PATENT  
ATTORNEY DOCKET NO.: 046124-5085-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Takuya HOMME *et al.* )  
Application No.: 10/750,945 ) Group Art Unit: Unassigned  
Filed: January 5, 2004 ) Examiner: Unassigned  
For: RADIATION DETECTION DEVICE AND )  
METHOD OF MAKING SAME )

Commissioner for Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form-1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

The listed documents were previously cited in the copending parent Application No. 09/893,586, filed on June 29, 2001, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. Accordingly, pursuant to 37 C.F.R. § 1.98(d), a copy of each reference is not provided.

11/10/2004 BABRAHA1 00000038 500310 10750945

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Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form-1449.

Applicants would also like to bring the following information to the Examiner's attention.

Applicants wish to point out that, to the best of Applicants' knowledge, Applicants now believe that the structure disclosed in JP S63-215987 (see, for example, Fig. 1 of this document) was sold in the U.S. at least as early as 1990, except that the film of the structure apparently extended at least part of the way between the scintillator columns. In other words, such structure included a fiber plate, with CsI columns formed thereon, and film formed over, and extending at least part of the way between, the CsI columns. Applicants respectfully request that the Examiner consider this information in examining the now-pending claims.

Applicants also wish to point out that corresponding subject matter was on sale in the U.S. at least as early as 1997. In the 1997 embodiment, however, the CsI scintillator columns and covering film were formed over an image sensor, rather than just a fiber plate, and again with the film formed over, and extending at least part of the way between, the CsI columns.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

John G. Smith  
Registration No. 33,818

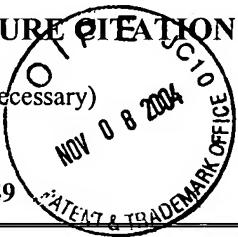
Dated: November 8, 2004

**Customer No. 009629**  
**MORGAN, LEWIS & BOCKIUS LLP**  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
(202) 739-3000

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

PTO Form 1449

Attorney Docket No.  
046124-5085-01Application No.:  
10/750,945Applicants: Takuya HOMME *et al.*

PAGE 1 of 1

Filing Date: January 5, 2004

Group Art Unit: Unassigned

## U.S. PATENT DOCUMENTS

| *Examiner Initial | Document Number | Date       | Name            | Class | Sub Class | Filing Date |
|-------------------|-----------------|------------|-----------------|-------|-----------|-------------|
|                   | 6,278,118       | 8/21/2001  | Homme et al.    | 250   | 370.11    | 2/10/1999   |
|                   | 6,262,422       | 7/17/2001  | Homme et al.    | 250   | 370.11    | 2/10/1999   |
|                   | 4,746,619       | 5/24/1988  | Beerlage        | 437   | 3         | 7/27/1987   |
|                   | 4,803,366       | 2/7/1989   | Vieux et al.    | 250   | 486.1     | 8/19/1986   |
|                   | 4,906,850       | 3/6/1990   | Beerlage        | 250   | 370.09    | 5/20/1988   |
|                   | 5,171,996       | 12/15/1992 | Perez-Mendez    | 250   | 361       | 7/31/1991   |
|                   | 5,179,284       | 1/1993     | Kingsley et al. | 250   | 370.11    | 1/12/1993   |
|                   | 5,187,369       | 2/1993     | Kingsley et al. | 250   | 370.11    | 2/16/1993   |
|                   | 5,208,460       | 5/4/93     | Rougeot et al.  | 250   | 368       | 9/23/91     |
|                   | 5,288,989       | 2/1994     | Ishaque et al.  | 250   | 214.1     | 2/22/1994   |
|                   | 6,392,254       | 5/2002     | Liu et al.      | 257   | 59        | 5/21/2002   |

## FOREIGN PATENT DOCUMENTS

|  | Document Number                                   | Date           | Country | Class | Sub Class | Translation<br>YES      NO |
|--|---|----------------|---------|-------|-----------|----------------------------|
|  | JP 5-93780  | April 16, 1993 | Japan   |       |           |                            |
|  | JP 63-215987                                      | Sept. 8, 1988  | Japan   |       |           |                            |
|  | JP 5-196742                                       | August 6, 1993 | Japan   |       |           |                            |
|  | JP 62-73538                                       | April 4, 1987  | Japan   |       |           |                            |
|  | Patent Abstraction of<br>Japan of JP 04<br>144174 | May 18, 1992   | Japan   |       |           |                            |
|  | EP 0 528 676 A1                                   | Feb. 24, 1993  | Europe  |       |           |                            |
|  | JP 59-122988                                      | July 16, 1984  | Japan   |       |           |                            |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |
|--|--|
|  | "Three Bond Technical News:, pp. 1-10, September 23, 1992. |
|  |  |

Examiner \_\_\_\_\_ Date Considered \_\_\_\_\_

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.